Facsimile No.
Form PCT/ISA/210 (second sheet) (January 2004)

	INTERNATIONAL SEARCH REPORT		international applic	cation No.
			PCT/JP2	005/005693
	ATION OF SUBJECT MATTER	(005 00/00		
Int.Cl	B01J29/12, B01D53/86, B01J29/	7035, 29/22		
According to Int	ernational Patent Classification (IPC) or to both national	I classification and IPC		
B. FIELDS SE	ARCHED			
Minimum docum	nentation searched (classification system followed by cla	assification symbols)		
Int.Cl	B01J29/12, B01D53/86, B01J29/	035, 29/22		
	<del></del>	<del></del>		
	carched other than minimum documentation to the exter Shinan Koho 1922-1996 Ji	nt that such documents tsuyo Shinan To		fields searched 1996-2005
		roku Jitsuyo Sh		1994-2005
	ase consulted during the international search (name of d	lata hase and where no	acticable search ter	rme need)
	cience Direct, JSTPlus(JOIS)	ana vase and, where pro	icticable, scarch tel	ins usur)
C. DOCUMEN	VTS CONSIDERED TO BE RELEVANT			
				Delever to alaim Ma
Category*	Citation of document, with indication, where app	<u> </u>		Relevant to claim No.
X Y	JP 2004-066126 A (Babcock-Hit Kaisha),	tacni kabusni	K1	1-3,6,7,9-12 5
Ā	04 March, 2004 (04.03.04),			4,8,13
	Claims 1, 2; Par. No. [0011];	examples 1 t	:0 3	•
	(Family: none)			
Y	JP 2004-076717 A (Toyota Moto	or Corp.),		5
	11 March, 2004 (11.03.04),	_		
	Par. No. [0038] (Family: none)			
ļ	(ramily: none)			
A	JP 08-168649 A (Matsushita E	lectric Indus	trial	1-13
	Co., Ltd.),			
	02 July, 1996 (02.07.96), Claims 1, 4; Par. No. [0001];	examples 1 t	.0 4.	
	6		,,	
ļ	(Family: none)			
× Further do	ocuments are listed in the continuation of Box C.	See patent fam	ily annex.	
-	gories of cited documents:			rnational filing date or priority
	efining the general state of the art which is not considered icular relevance		nflict with the applica cory underlying the in	ation but cited to understand
"E" earlier appli filing date	cation or patent but published on or after the international			laimed invention cannot be lered to involve an inventive
"L" document w	which may throw doubts on priority claim(s) or which is		ument is taken alone	leted to involve an inventive
	ablish the publication date of another citation or other on (as specified)			laimed invention cannot be step when the document is
I	eferring to an oral disclosure, use, exhibition or other means	combined with on		documents, such combination
	ublished prior to the international filing date but later than date claimed		r of the same patent fa	
		· <del>=</del>	<del> </del>	
Date of the actual completion of the international search  16 June, 2005 (16.06.05)  Date of mailing of the international search report  05 July, 2005 (05.07.05)				
25 5 411	2, 2003 (10.00.00)	OS Gury,	2005 (05.0	
Name and mailir	ng address of the ISA/	Authorized officer		
	se Patent Office	A IGNIONIZAG ONIOCI		

Telephone No.

## INTERNATIONAL SEARCH REPORT

International application No.
PCT/JP2005/005693

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	JP 2000-237594 A (Tosoh Corp.), 05 September, 2000 (05.09.00), Claims 1, 4; Par. Nos. [0015], [0019] to [0025]; examples 1 to 12 & US 6403048 B1 & EP 1013332 A2	